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(FILE 'HOME' ENTERED AT 11:34:20 ON 12 MAR 2003)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE' ENTERED AT 11:34:33 ON 12 MAR 2003

L1	2533721 S (RECEPTOR?)
L2	4848 S L1 AND RANTES
L3	97 S L2 AND CELL? TYPE
L4	51 DUP REM L3 (46 DUPLICATES REMOVED)
L5	8 S L4 AND REVIEW
L6	175 S RANTES RECEPTOR
L7	4 S L6 AND CELL TYPE
L8	5 S L6 AND REVIEW

=> d 1-5 bib ab

L8 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2003 ACS
AN 1997:24984 CAPLUS
DN 126:73419
TI RANTES receptors: Diversity in structure and function
AU Schall, Thomas J.; Bacon, Kevin
CS Department Immunology, DNAX Research Institute, Palo Alto, CA, USA
SO Biology of the Chemokine RANTES (1995), 69-86. Editor(s): Krensky, Alan M. Publisher: Landes, Austin, Tex.
CODEN: 63UEA5
DT Conference; General Review
LA English
AB A **review**, with 40 refs., discussing the interaction of RANTES with its cell surface receptor, mechanisms of RANTES that are common with other chemokines, and the mode of action of RANTES.

L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2003 ACS
AN 1995:480066 CAPLUS
DN 122:237130
TI Mechanism of leukocyte chemotaxis
AU Kasahara, Tadashi; Takahashi, Masafumi
CS Jichi Med. Sch., Tochigi, 329-04, Japan
SO Igaku no Ayumi (1995), 172(9), 610-15
CODEN: IGAYAY; ISSN: 0039-2359
PB Ishiyaku
DT Journal; General Review
LA Japanese
AB A **review**, with 18 refs., on the structures of chemokine receptors, interleukin 8 receptor, MIP-1.alpha./**RANTES receptor**, and MCP-1 receptor, signal transduction from chemokine to morphol. changes and chemotaxis, and activation of neutrophils. The mechanism of leukocyte adhesion to vessel endothelial cells and transendothelial migration for exudation is discussed including the participation of adhesion mols. and chemokines.

L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2003 ACS
AN 1994:678188 CAPLUS
DN 121:278188
TI Impact of receptor sharing, receptor regulation and adhesion molecules on chemokine actions
AU Oppenheim, J.; Lloyd, A.; Taub, D.; Wang, J. M.; Kelvin, D.
CS Laboratory Molecular Immunoregulation, National Cancer Institute, Frederick, MD, 21702-1201, USA
SO Challenges of Modern Medicine (1994), 3(MOLECULAR BASIS OF INFLAMMATION), 33-44
CODEN: CHMME3
DT Journal; General Review
LA English
AB A **review**, with 18 refs., discussing sharing of the type II interleukin-8 receptor, regulation of receptor expression, chemokines targeting mononuclear cells, **RANTES receptor** sharing, chemokines inducing T-cell/endothelium adhesion, chemokines inducing T-cell adhesion to integrins, and chemokines promoting T-cell matrix adhesion.

L8 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2003 ACS
AN 1994:455338 CAPLUS
DN 121:55338
TI Chemokine receptors and molecular mimicry
AU Ahuja, Sunil K.; Gao, Ji Liang; Murphy, Philip M.

CS Lab. Host Defenses, Natl. Inst. Allergy Infect. Dis., Bethesda, MD, 20892,
USA
SO Immunology Today (1994), 15(6), 281-7
CODEN: IMTOD8; ISSN: 0167-4919
DT Journal; General Review
LA English

AB A **review** and discussion with 42 refs. Chemokines are small pro-inflammatory peptides that are best known for their leukocyte-chemoattractant activity. The cloned leukocyte chemokine receptors, interleukin 8 receptor (IL-8R) types A and B and the macrophage inflammatory protein 1.alpha. (MIP-1.alpha.)/**RANTES receptor**, are related by sequence and chemokine binding to two herpesvirus products, and to the Duffy antigen that mediates erythrocyte invasion by the malaria-causing parasite Plasmodium vivax. In addn. to the activation of leukocytes, chemokines may be important in the function of erythrocytes and, through mol. mimicry, in microbial pathogenesis.

L8 ANSWER 5 OF 5 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.

AN 94163088 EMBASE

DN 1994163088

TI Chemokine receptors and molecular mimicry.

AU Ahuja S.K.; Gao J.-L.; Murphy P.M.

CS Laboratory of Host Defenses, Nat.Inst.Allergy/Infectious Diseases,
NIH, Bethesda, MD 20892, United States

SO Immunology Today, (1994) 15/6 (281-287).
ISSN: 0167-5699 CODEN: IMTOD8

CY United Kingdom

DT Journal; General Review

FS 004 Microbiology

026 Immunology, Serology and Transplantation

LA English

SL English

AB Chemokines are small pro-inflammatory peptides that are best known for their leukocyte-chemoattractant activity. The cloned leukocyte chemokine receptors, interleukin 8 receptor (IL-8R) types A and B and the macrophage inflammatory protein 1.alpha. (MIP-1.alpha.)/**RANTES receptor**, are related by sequence and chemokine binding to two herpesvirus products, and to the Duffy antigen that mediates erythrocyte invasion by the malaria-causing parasite Plasmodium vivax. Here, Sunil Ahuja, Ji-Liang Gao and Philip Murphy suggest that, in addition to the activation of leukocytes, chemokines may be important in the function of erythrocytes and, through molecular mimicry, in microbial pathogenesis.